

Santa Susana Field Laboratory Area IV

SSFL Area IV Timeline

1950s

Nuclear reactor operations and

ETEC ceases most operations

Community members ask U.S.

DOE agrees

Environmental Protection Agency

(USEPA) for oversight and reviews

California Department of Toxic Substances

monitoring hazardous chemical cleanup;

Control (DTSC) issues order regulating and

research in SSFL Area IV cease

and begins facility closure process

1980s.

1990s -

- Atomic Energy Commission (AEC) funds nuclear reactor research and development at SSFL Area IV
- Six research reactors begin operations, including Sodium Reactor Experiment (SRE)
- AEC funds research on liquid metal as a reactor coolant
- SRE generates first commercial nuclear power to Moorpark, CA
- Accident at SRE causes fuel damage

-1960s

- SRE and three other reactors complete objectives and are shut down
- Other reactor research continues; two new reactors start up

\1970s

- U.S. Department of Energy (DOE) names its Area IV facility the Energy Technology Engineering Center (ETEC)
- Decontamination and decommissioning of reactor buildings begins
- Three additional reactors complete objectives and are shut down

2003

 DOE issues an Environmental Assessment (EA)describing how it will clean up Area IV, and a Finding of No Significant Impact (FONSI) from this cleanup

2007-

- DOE, NASA and Boeing sign Consent Order with DTSC regulating and monitoring hazardous chemical cleanup for soil and groundwater.
- U.S. District Court of Northern California rules that DOE's decision to issue a FONSI and conduct cleanup and closure on the basis of the ETEC EA is in violation of NEPA
- DOE stops all D&D work and initiates steps to prepare the SSFL Area IV Environmental Impact Statement (EIS)

2009

 DOE surveys biological and cultural resources in Area IV and the NBZ to guide protection of these resources during characterization studies

- DTSC issues Administrative Order on Consent governing Area IV soils cleanup; DOE agrees. Note: 2007 Consent Order continues to govern Area IV groundwater cleanup
- USEPA and DOE-DTSC agree to perform co-located sampling for radiological and chemical soil characterization studies

2012-

- DOE initiates Soil Treatability Studies to evaluate soil clean-up technologies
- DTSC completes Soil Background Study
- DOE hosts workshops and invites community to develop alternatives to be considered in EIS
- USEPA completes radiological characterization study

2014*

- DOE, working with DTSC, completes chemical characterization studies
- DOE holds EIS scoping meetings
- DOE issues Chemical and Radiological Data Reports
- DOE releases draft EIS
- DTSC prepares CEQA EIR

2015*

- DOE completes Soil Remedial Action Implementation Plans
- DOE completes final EIS and issues Record of Decision
- DTSC issues CEQA Findings, allowing for start of soil cleanup

 City of Los Angeles, Committee to Bridge the Gap (CBG), and Natural Resources Defense Council (NRDC) challenge EA FONSI in federal court

2008

2004

- Through the American Recovery and Reinvestment Act, DOE funds USEPA to perform radiological studies: background study in areas not impacted by SSFL; and characterization of Area IV and Northern Buffer Zone (NBZ)
- USEPA initiates radiological background study
- DTSC, with DOE support, initiates a chemical background study
- DOE issues a Notice of Intent to prepare Area IV EIS, and holds scoping meetings
- DOE delays parts of EIS, pending completion of chemical and radiological studies

2011

- USEPA issues draft SSFL Radiological Background Study
- DTSC releases the draft Site-wide Groundwater Remedial Investigation Report and calls for public comment

2013

- DTSC presents to the community, the "Look-up Table" with soil clean-up values
- DOE conducts additional groundwater studies, Groundwater Treatability Studies to evaluate clean-up technologies (on-going)

2013*

• DTSC conducts California Environmental Quality Act (CEQA) Environmental Impact Report (EIR) scoping

2016*

Cleanup begins

*All future activities—projected after October, 2013.